SHRIMATHI DEVKUNVAR NANALAL BHATT VAISHNAV COLLEGE FOR WOMEN (AUTONOMOUS)
(Affiliated to the University of Madras and Re-accredited with 'A+' Grade by NAAC) Chromepet, Chennai — 600 044.
M.Sc. END SEMESTER EXAMINATION APRIL/NOV - 2021
SEMESTER - III
18PCSCT3009 - Software Testing

Total Duration : 3 Hrs		**Total Marks : 75**	
MCQ	: 30 Mins	MCQ	: 15
Descriptive	: 2 Hrs.30 Mins	Descriptive	: 60

Section B

Answer any **SIX** questions $(6 \times 5 = 30$ Marks$)$

1. What is software testing? Why is so important in SDLC?
2. Difference between verification and validation.
3. Explain briefly about testing using venn diagram.
4. Explain statement testing and branch testing.
5. List and explain 6 principles of analysis and testing.
6. Explain alternate life cycle model.
7. Explain top down and bottom up integration.
8. Write short notes on test and analysis reports.

Section C

Part A

Answer any **TWO** questions $(2 \times 10 = 20$ Marks$)$

9. Explain i) Robustness testing ii) worst case Testing.
10. Illustrate the relation among dependability properties with diagram.
11. Explain the features of test design specification documents.
12. Write a detail note on test process and test report.

Part B

Compulsory question $(1 \times 10 = 10$ Marks$)$

13. Explain test oracles with neat diagram.